

FILE 'AGRICOLA' ENTERED AT 13:05:06 ON 11 MAY 2005

FILE COVERS 1970 TO 6 Apr 2005 (20050406/ED)

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s glutamine synthetase
2999 GLUTAMINE
8 GLUTAMINES
3002 GLUTAMINE
(GLUTAMINE OR GLUTAMINES)
3379 SYNTHETASE
356 SYNTHETASES
3598 SYNTHETASE
(SYNTHETASE OR SYNTHETASES)
L1 1150 GLUTAMINE SYNTHETASE
(GLUTAMINE (W) SYNTHETASE)

=> s GS1-2
61 GS1
216757 2
L2 1 GS1-2
(GS1 (W) 2)

=> d

L2 ANSWER 1 OF 1 AGRICOLA Compiled and distributed by the National
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(2005) on STN
AN 1999:2649 AGRICOLA
DN IND21812312
TI The maize glutamine synthetase **GS1-2** gene is
preferentially expressed in kernel pedicels and is developmentally-
regulated.
AU Rastogi, R.; Chourey, P.S.; Muhitch, M.J.
CS National Center for Agricultural Utilization Research, USDA, ARS, Perioa,
IL.
AV DNAL (450 P699)
SO Plant and cell physiology, Apr 1998. Vol. 39, No. 4. p. 443-446
Publisher: Kyoto, Japan : Japanese Society of Plant Physiologists.
CODEN: PCPHA5; ISSN: 0032-0781
NTE Includes references
CY Japan
DT Article
FS Non-U.S. Imprint other than FAO
LA English

=> FIL STNGUIDE
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
1.49	1.70

FILE 'STNGUIDE' ENTERED AT 13:05:59 ON 11 MAY 2005
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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 6, 2005 (20050506/UP).

=> s promoter

0 PROMOTER
L3 0 PROMOTER

=> file agricola

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.24	1.94

FILE 'AGRICOLA' ENTERED AT 13:08:31 ON 11 MAY 2005

FILE COVERS 1970 TO 6 Apr 2005 (20050406/ED)

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s promoter

9446 PROMOTER
8620 PROMOTERS
L4 13322 PROMOTER
(PROMOTER OR PROMOTERS)

=> s l1 and l4

L5 60 L1 AND L4

=> s maize or corn

42029 MAIZE
26 MAIZES
42047 MAIZE
(MAIZE OR MAIZES)
40024 CORN
142 CORNS
40133 CORN
(CORN OR CORNS)
L6 74493 MAIZE OR CORN

=> s l5 and l6

L7 2 L5 AND L6

=> d 1-2

L7 ANSWER 1 OF 2 AGRICOLA Compiled and distributed by the National
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(2005) on STN
AN 2003:54006 AGRICOLA
DN IND23341250
TI Distribution of the **glutamine synthetase** isozyme
GS(pl) in **maize** (Zea mays).
AU Muhitch, M.J.
SO Journal of plant physiology, June 2003. Vol. 160, No. 6. p. 601-605
Publisher: Stuttgart ; New York : G. Fischer,
CODEN: JPPHEY; ISSN: 0176-1617

NTE Includes references
CY Germany
DT Article
LA English

L7 ANSWER 2 OF 2 AGRICOLA Compiled and distributed by the National
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AN 2003:39922 AGRICOLA
DN IND23309482

TI Isolation of a **promoter** sequence from the **glutamine
synthetase**(1-2) gene capable of conferring tissue-specific gene
expression in transgenic **maize**.

AU Muhitch, M.J.; Liang, H.; Rastogi, R.; Sollenberger, K.G.

AV DNAL (QK1.P5)

SO Plant science, Oct 2002. Vol. 163, No. 4. p. 865-872

Publisher: Oxford, UK : Elsevier Science Ltd.

CODEN: PLSCE4; ISSN: 0168-9452

NTE Includes references

CY Ireland

DT Article

FS Non-U.S. Imprint other than FAO

LA English

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